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(June 1941)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Yellowstone NATIONAL PARK

	ROGERS	
✓	JOHNSTON	
✓	JOFFE	
✓	ANDERSON	
	KURTZ	
	SHOPEY	
✓	Kittams	WK
✓	Mattson	
✓	GOOD	
✓	LA FA[illegible]	
	ELLIOTT	
	EVANS	
	CHAPMAN	
	SKINNER	
✓	WOHLSHANDT	
	ROBINSON	

FILE NO. 207-02.3

SUPERINTENDENT'S MONTHLY REPORT

OCTOBER 1947

IMPORTANT

This file constitutes a part of the official records of the National Park Service and should not be separated or papers withdrawn without express authority of the official in charge. All Files should be returned promptly to the File Room. Officials and employees will be held responsible for failure to observe these rules, which are necessary to protect the integrity of the official records.

NEWTON B. DRURY,
Director.

U. S. GOVERNMENT PRINTING OFFICE 16—22371

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYO.

FICE OF THE SUPERINTENDENT

Summary of the October 1947 Monthly Narrative Report for
YELLOWSTONE NATIONAL PARK

		Page
WEATHER:	Beautiful fall weather prevailed throughout most of month with above normal temperatures and below normal precipitation.	1
SPECIAL ACTIVITIES:	Superintendent to Red Lodge for conference on Red Lodge-Cooke highway; to Moran to meet Struthers Burt; to Livingston to attend Rotary; to Spanish Creek for conference with Nichols; to Omaha for conference with Merriam and to Bozeman to attend Dude Ranchers Convention. Joffe also attended Dude Ranchers Convention. Johnston on annual leave for two weeks. Absaroka Conservation Committee held regular fall meeting October 5.	1
	Director's Office moved from Chicago to Washington. Mammoth school children hear Marine Band.	2
IN-SERVICE TRAINING:	Yellowstone Weekly News Letter issued each Friday.	2
INSPECTIONS:	Regional Naturalist Swartzlow, Regional Highway Engineer Mottz, Communications Engineer Rowley, Photographer Grant, Storekeeper Crumley and Property Clerk Kendall of Glacier and Stanley Joseph, Region Two Administrative Asst. visit park during month. Also, Engineers Capes, Cowan, Slye and Bixby of FRA, Senior Sanitary Engineer Wright and Surgeon Wagner of Public Health Service, O. D. Murphy and O. R. Wagner, U. S. Weather Bureau, Seattle. Engineer Anderson, FRA, in charge Old Faithful-Isa Lake project left.	2
GENERAL PUBLICITY:	Final travel figures press release mailed. 80,800 additional broadsides recieved.	2
COMPLAINTS:	No complaints registered for month. Annual summary of complaints submitted.	2
MAINTENANCE:	Month exceptionally fine for road work. Snowplows required on some sections.	2

UNITED STATES
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YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYO.

All roads open at end month. 31 men on crews at end month. Roads generally in better condition than last year. 12 new dump trucks received. Meeting held in Red Lodge attended by Park Service, FRA, Forest Service, Montana State and Red Lodge Chamber of Commerce representatives to discuss maintenance Red Lodge-Cooke road, Maintenance work done on walks in O. F. thermal area. Interior Lake mess house painted and part outside walls and roof building No. 7 at Mammoth. Rehabilitation O. F. amphitheatre about 75% completed. 3

CONSTRUCTION: Old Faithful-Isa Lake bituminous surfacing project completed. Clearing on south approach road, Construction Project C, completed and excavations for north pier Snake River bridge nearly complete. Excavations for bridge abutments underway. No satisfactory bids received on Project 1-F3, Canyon through road. 3

Houses Nos. 2 and 3 at Mammoth completed and occupied. Interior wall lining of third house incomplete but wiring and rough plumbing installed. Excavations for two new houses at Mammoth completed and footings for foundations poured. Work on West Entrance house will not start until next spring. Drawing YSL-8077-A resubmitted for clearance. Drawings YSL-8087 and 8088 approved. Prefabrication of additional wooden walks to be continued during winter. 4

CONCESSIONERS: Hamilton, Brown and Huntley Child left park. Mr. Nichols pays visit. O. F. Tourist cabins, cafeteria and repair shop closed Oct. 14, Lake store 15th. Hamilton takes care overnight visitors at O. F. store until end month. Mammoth store and service station to remain open throughout winter. Haynes Mammoth shop closed and crews moved to Bozeman. Work on O. F. Inn and Canyon hotel automatic sprinkler systems discontinued Oct. 31 4

INTERPRETIVE SERVICE: Chief Park Naturalist Condon talks to Livingston Kiwanis. 5

MUSEUM ACTIVITIES AND EXHIBITS: Museum exhibits and wayside exhibits discussed with Swartzlow. Shutters placed on museums and wayside exhibits. Work on O. F. Amphitheatre progressing rapidly. All museums and grounds cleaned. 5

Yellowstone Park, Wyoming.

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CONSTRUCTION: Old faithful-Lake bituminous surfacing project completed. Clearing on south approach road. Construction project 8, completed and excavations for north pier Snake River bridge nearly complete. Excavations for bridge abutments underway. No satisfactory bids received on Project 1-[illegible], Canyon through road.

Houses Nos. 4 and 5 at Mammoth completed and occupied. Interior wall lining of third house incomplete but wiring and rough plumbing installed. Excavations for two new houses at Mammoth completed and footings for foundations poured. Work on West Entrance house will not start until next spring. Drawing YEL-8077-A resubmitted for clearance. Drawings YEL-8087 and 8088 approved. Prefabrication of additional wooden walks to be continued during winter.

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RESEARCH AND OBSERVATION:	Earth tremor reported Oct. 31. Also reported in Billings. Donald E. White completed observations of thermal areas. Condon and Cahalane observed bison in Hayden Valley and near Mary Mountain. Four sandhill cranes seen on Fountain Flat. Condon and Kittams record observations on trip to Hayden Valley and Sedge Creek. Condon and Watson observe buffalo and elk on trip to Fairy Creek-Sentinel Creek area.	5
	Condon observes grizzly bear on Crescent Hill; also, large number ruffed grouse.	6
NATURAL HISTORY ASSOCIATION:	Fifteenth annual meeting Yellowstone Library and Museum Assn. held Oct. 9. Wilcox elected chairman. LaNoue, Watson and Luce elected new directors. Association republishing "Fur Traders and Trappers of the Old West." September-October Nature Notes mailed.	6
INCREASE OR DECREASE IN TRAVEL:	Ideal travel conditions prevailed encouraging large number visitors. 5,127 vehicles and 13,848 visitors entered during month.	6
VISITORS:	Congressman D'Ewart of Montana visits park.	6
RANGER SERVICE:	Entrance and interior stations manned, travel checked as completely as possible with personnel available, road patrols maintained and side roads checked for possible game violators.	6
	Patrol cabins prepared for winter use. Considerable repair work done on cabins, telephone lines and trails. Park boundaries patrolled in connection with hunting season in Montana, Wyoming and Idaho. Fences to protect trees and shrubs at Mammoth erected. Most of saddle and pack horses taken to Lamar Unit.	7
POLICE PROTECTION:	Only one case brought before U. S. Commissioner.	7
WILDLIFE AND FISH CULTURAL ACTIVITIES - ANTELOPE:	Antelope concentrating in Stevens Creek area but many bands still scattered in higher country. About 100 between Lava and Geode creeks.	7
BEARS:	Bears occasionally seen along roadside during month. Three blacks trapped at Lake government mess.	7
BIGHORN:	Mt. Washburn band migrated to lower elevations. Few along north side Mt. Everts and along Yellowstone river near Tower Junction.	7

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INCREASE OR DECREASE IN TRAVEL:	Ideal travel conditions prevailed encouraging large number visitors. 3,127 vehicles and 13,[illegible] visitors entered during month.	6
VISITORS:	Congressman O'Hart of Montana visits park.	6
RANGER SERVICE:	Entrance and interior stations manned, travel checked as completely as possible with personnel available, road patrols maintained and side roads checked for possible game violators.	6
	Patrol cabins prepared for winter use. Considerable repair work done on cabins, telephone lines and trails. Park boundaries patrolled in connection with hunting season in Montana, Wyoming and Idaho. Fences to protect trees and shrubs at Mammoth erected. Most of saddle and pack horses taken to Lamar Unit.	7
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BEAR:	Bears occasionally seen along roadside during month. Three blacks trapped at Lake government mass.	7
BIGHORN:	Mt. Washburn band migrated to lower elevations. Few along north side Mt. Everts and along Yellowstone river near Lower Junction.	7

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BUFFALO:	204 buffalo counted in west and Hayden Valley and 75 along Nez Perce, Sentinel and Fairy Creeks. About 100 seen in Lamar Valley. Occasional animals noted near Madison Junction, Beach Springs, lower Hayden Valley and in isolated sections. Plans submitted to reduce Lamar herd by about 230 head. About 50 live shipments to be filled and balance to be slaughtered in January.	7
	Fencing and chute facilities at Lamar Unit being replaced.	8
DEER:	Concentration of deer occurred in Mammoth area. Only small number bagged by hunters beyond park boundaries as compared with large number last year.	8
ELK:	Elk remained at high elevations and only small number taken outside park in hunting areas. Very few have migrated to lower valleys. Practically no use made as yet of winter range. Two illegal elk kills in Gallatin area within park.	8
FISHING AND FISH PLANTING:	Fish traps placed on Madison River at west park boundary October 23 for collection Loch Leven spawn. Trapping not successful until near end month. About equal number rainbow and Loch Leven noted passing through traps and considerable number whitefish. Fishing season closed October 15.	8
FOREST FIRE PROTECTION:	Mammoth fire cache cleaned for winter, tools sharpened and painted and used bedrolls renovated and clean sheets placed therein. Old sheets laundered. Work started on checking 10-day fire weather sheets for various weather stations. One Class B fire (smoker) reported from West Yellowstone district on 13th.	8
TRAILS:	Trail revisions made on base map for inclusion in Master Plan.	8
INSECTS AND TREE DISEASES:	Aerial and ground surveys conducted over southern part park to determine whether any infestation centers within park might develop into epidemic conditions. Some bark beetle infestation found. No indication that epidemic had spread into park. Full report not yet received.	9

Yellowstone Park

BUFFALO: 20[illegible] buffalo counted in west and [illegible] valley and 75 along Nez Perce, Sentinel and Fairy Creeks. About 100 seen in Lamar Valley. Some stonal animals noted near Madison Junction, Beach Springs, lower Hayden Valley and in land ted sections. Figures submitted to [illegible] herd by about 250 head. About 50 five shipping to be filled and balance to be slaughtered in January.

Fencing and [illegible] facilities at Lamar Unit [illegible] replaced.

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FISHING AND FISH PLANTING: Fish traps placed on Madison River at west park boundary October 25 for collection Loch Leven spawn. Trapping not successful until near end month. About equal number [illegible] and Loch Leven [illegible] passing through traps and considerable number whitefish. Fishing season closed October 15.

FOREST FIRE PROTECTION: Mammoth fire cache cleaned for winter, tools sharpened and painted and used bedrolls renovated and [illegible] sheets placed therein. Old sheets laundered. Work started on checking 10-day fire weather sheets for various weather stations. One Class A fire (smoker) reported from West Yellowstone district on 15th.

TRAILS: Trail revisions made on [illegible] map for inclusion in Master Plan.

INSECTS AND TREE DISEASES: Aerial and ground surveys conducted over southern part park to determine whether any infestation centers within park might develop into epidemic conditions. Some bark beetle infestation found. No indication that epidemic has spread into park. Full report not yet received.

		Page
WHITE PINE BLISTER RUST CONTROL:	Estimates and work program prepared and submitted for remainder 1948 fiscal year.	9
WOOD CUTTING OPERATIONS:	Wood cutting operations continued throughout month. Cutting and hauling from Canyon area completed and operations carried on in Mammoth and Old Faithful districts. NPS crews cut wood for stock piles at Fishing Bridge and Lewis River. About 100 cords needed for Mammoth.	9
ACCIDENTS:	Eight motor vehicle accidents reported during month, 3 involving government vehicles.	9
PERSONNEL:	Gammill transferred to Millerton Lake Recreational Area.	9
MISCELLANEOUS:	Monthly meeting of Federal Employees Union held Oct. 6. Dance at Canteen October 24 and Halloween party for children on 31st. Daughter born to Shoreys.	9
	Gerald P. Yetter, former Yellowstone ranger, died in Bozeman October 23.	10

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYO.

ICE OF THE SUPERINTENDENT

November 5, 1947.

MEMORANDUM for the Director.

Following is the report of activities for Yellowstone National Park during the month of October 1947.

Weather Conditions. Beautiful fall weather prevailed throughout most of the month with above normal temperatures and below normal precipitation. Eleven days were clear, 9 partly cloudy and 11 cloudy. The total precipitation for the month was 0.78" at Mammoth as compared with 3.34" in 1946, 0.47" in 1945, 0.89" in 1944 and 1.83" in 1943. The maximum temperature recorded was 64° on the 5th with a minimum of 20° on the 25th. Only a few snow flurries occurred at Mammoth and very little snow fell in the interior or at the higher elevations in the park. All park roads were bare at the close of the month, except for a few scattered snow patches at the higher elevations.

Special Activities. Superintendent Rogers made a trip to Red Lodge on October 8 in company with Yellowstone and FRA officials to meet with representatives of the Public Roads Administration, State of Montana, Forest Service and the Red Lodge Chamber of Commerce to discuss future maintenance and operation of the Red Lodge-Cooke highway. On October 12 he visited Struthers Burt, Jackson Hole dude rancher and author at his home near Moran to discuss the Jackson Hole situation and Yellowstone matters. On October 13 he attended Rotary at Livingston with U. S. Commissioner Wilcox and on October 16 made a trip to the Spanish Creek Ranch on the Gallatin to confer with W. M. Nichols, President of the Yellowstone Park Company. Mr. Rogers left on October 18 for Omaha for a conference with the Regional Director and to discuss Yellowstone matters, stopping enroute at Custer Battlefield National Monument for a conference with Superintendent Luce. He returned from Omaha early on the morning of October 26. He left the following day for Bozeman to attend the Dude Ranchers Convention, returning on the 30th. Assistant to the Superintendent Joffe also attended the Dude Ranchers Convention.

Assistant Superintendent Johnston was on annual leave from October 20 through 31, inclusive.

The Absaroka Conservation Committee held its annual fall meeting in the Canteen at park headquarters on October 5. Congressman Wesley A. D'Ewart of Montana, president of the organization, presided at the meeting and was re-elected as President for the ensuing year. Dr. E. A. Hamilton was re-elected Vice President and George Kern, Secretary-Treasurer. A number of members who attended the meeting arrived on Saturday, October 4, and rode the range along sections on the north side of the park.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYO.

OFFICE OF THE SUPERINTENDENT

November 1, 1947.

Commissioner for the Interior.

Following is the report of activities for Yellowstone National Park during the month of October 1947.

Weather conditions. Weather fair and mostly pleasant throughout most of the month with above normal temperatures and below normal precipitation. Eleven days were clear. Snowfall slight and it melted. The total precipitation for the month was 0.76" as measured at compared with 1.18" in 1946, 0.42" in 1945, 0.89" in 1944 and 1.87" in 1943. The maximum temperature recorded was 69° on the 3rd with a minimum of 20° on one night. Mellow and snow flurries occurred at Mammoth and very little snow fell in the Canyon or at the higher elevations in the park. All park roads were open at the close of the month, except for a few miles of snow packed at the higher elevations.

Special activities. Superintendent Rogers was away on leave from October 8 to 20, visiting relatives and friends in Oregon and California. Upon his return he spent two days in Washington. Chief of Ranger Service and the Land Design Section of Operations to discuss future maintenance and operation of the new Lake-Canyon highway. On October 22 he visited Grand Teton National Park, Jackson Hole Monument and Yellowstone Park to discuss the Jackson Park situation and relationships with Park Service. On October 15 he attended Court of Appeals at Cheyenne, Wyoming, to argue the case of Yellowstone Park vs. Cunningham. Decision was rendered October 16 made a ruling in the Federal Court favorable to the Park in the matter of the Park's action in connection with the Yellowstone Park Company. Mr. Harry W. Nichols, President of the Yellowstone Park Company, left on October 1 for Omaha for a conference with the Regional Director and to discuss Yellowstone matters, arranging concessions at Jackson Hole National Monument for a conference with Superintendent Lane. He returned from Omaha early on the morning of October 20. On part the following day for Boston to attend the Park Concessions Conference, returning on the 31st. Assistant to the Superintendent Joffe also attended the Park Concessions Conference.

Assistant Superintendent Wheeler was on annual leave from October 20 through 31, inclusive.

The Absaroka Conservation Association held its annual fall meeting in the Cantonment at Fort Yellowstone on October 3. Superintendent Lewis, Director of Nature, President of the organization, presided in the absence and was re-elected as President for the ensuing year. Mr. A. A. Smith was re-elected Vice President and Sarah Lewis, Secretary-Treasurer. Number of members who attended the meeting arrived on Saturday, October 2, and rode the range along snowlore on the north side of the park.

Yellowstone Park, Wyoming.

The office of the Director of the National Park Service was moved from Chicago to Washington during the month. Movement was started about October 14 and most of the offices were moved within a week.

The school children of Mammoth were accorded a treat on October 22 when all of them were taken to Livingston to hear the U. S. Marine Band, which gave two performances in Livingston on that date. Transportation was furnished by parents of the children.

In-Service Training. The Weekly News Letter was issued each Friday to keep all employees properly informed of happenings in the Park and Service.

Inspections. Carl R. Swartzlow, Regional Naturalist, Region Two, in north October 3 to attend the Absaroka Conservation Committee meeting; out north 6th. C. F. Capes and E. H. Cowan, Engineers, FRA, Denver, in October 3, and John D. Slye, District Engineer, and Howard M. Bixby, Engineer, FRA, Cheyenne, in October 7 to assist in the preparation of the annual roads and trails estimates. C. T. Wright, Senior Sanitary Engineer, U. S. Public Health Service, Denver, in October 4; out 6th. Charles P. Mottz, Highway Engineer, Region Two, in north 5th; out south 14th. Verne E. Rowley, Communications Engineer, NPS, in north 7th; out south 14th. A. D. Murphy, Regional Liaison Officer and O. R. Warner, Senior Liaison Officer, U. S. Weather Bureau, Seattle, in to discuss weather forecasting. George D. Grant, Photographer, NPS, Region Three, in 12th enroute Grand Teton. Returned again on 20th; out 22nd. Darrell R. Crumley, Storekeeper, and G. E. Kendall, Property Clerk, Glacier, in October 14 to study Yellowstone warehouse operations. Dr. Herbert T. Wagner, Surgeon, Public Health Service, Denver, in 15th; out 16th. Ed Anderson, Engineer, FRA, on the Old Faithful-Isa Lake project, left the park on October 21 for return to Denver. Stanley Joseph, Administrative Assistant, Region Two, in south 27th; out north 30th.

General Publicity. A press release covering the final travel figures was multilithed on October 3 and sent out on the 6th to both the publicity and travel figure mailing lists. On October 9 the park received an additional supply of 80,800 broadsides for 1947, making the total number received 140,000. The additional supply was most welcome as a memorandum from the Director's office, dated September 4, indicated that the park would be furnished only 90,000 copies of the broadsides. By the end of the month approximately 114,000 remained on hand.

Complaints. No complaints were registered during the month but the annual summary of complaints for the travel year was prepared and submitted to the Director and Region Two in accordance with report 4a3 of the Administrative Manual.

Maintenance. The month was exceptionally fine for road work but it has been possible to hold but a few men due to the 5 day week. The light snows required the use of snow plows at Sylvan Pass, Craig Pass, Dunraven

The office of the Director of the Bureau [illegible] from Chicago to Washington during the month. Movements were started October 10 and most of the offices were moved within a week.

The school children of Kansas were accorded a treat on October 21 when all of them were taken to Lexington to hear the U. S. Marine Band, which gave two performances in Lexington on that date. Transportation was furnished by parents of the children.

In-Service Training. The Twenty Mule Labor was issued each Friday to keep all employees properly informed of happenings in the Park Service.

Inspections. Carl A. Pearlman, Regional Naturalist, Region Two, in March (October) to attend the Shenandoah Conservation Committee meeting, New York City. C. F. Lopez and R. D. Cross, engineers, Feb. October 10 October 3, and John R. Cliff, Director Maintenance, San Diego R. Kelly, engineer, Phil. Chapman, in October 7 to sit in the preparation of the annual roads and trails estimates. C. A. Wright, senior sanitary engineer, U. S. Public Health Service, Denver, in October 1; out 4th. Charles T. Betts, Highway Engineer, Region Two, in north 5th; out south 14th. Verne E. Dooley, Communications Engineer, Feb. in north 7th; out south 14th. A. D. Murphy, Regional Liaison Officer and E. B. Tarrant, Senior Liaison Officer, U. S. Weather Bureau, Denver, to do blocks weather forecasting. George D. Grant, Photographer, Feb. Region Three, in 14th arrived from Yoton. Returned again on 20th; out 22nd. Harold L. Crawley, Photographer, and L. E. Kendall, Property Clerk, director, in October 13 to study Yellowstone warehouse operations. Dr. Herbert L. Sayre, surgeon, Public Health Service, Denver, in 15th; out 16th. W. Anderson, engineer, Feb. on the Old Faithful-Ice Lake project, left the park on October 21 for return to Denver. Stanley Joseph, Administrative Assistant, Region Two, in south 27th; out north 30th.

General Publicity. A press release covering the Final travel figures was published on October 3 and sent out on the 4th to both the publicity and travel figure mailing lists. On October 9 the park received an additional supply of 30,000 broadsides for 1937, making the total number received 130,000. The additional supply was sent salvage as a memorandum from the director's office, dated September 1, indicated that the park would be furnished only 50,000 copies of the broadsides. At the end of the month approximately 11,000 remained on hand.

Complaints. No complaints were registered during the month but the annual summary of complaints for the fiscal year was prepared and submitted to the director and Region Two in accordance with report 4h2 of the Administrative Manual.

Maintenance. The month was exceptionally fine for road work but it has been possible to hold but a few men due to the 5 day week. The light snows required the use of snow plows at Sylvan Pass, Trail Pass, Dunraven

Pass and the Red Lodge-Cooke road. All park roads remained open until the end of the month and it was possible to negotiate the Red Lodge-Cooke highway with chains. A 20 x 50 bunkhouse is being erected at the Beartooth road camp. Considerable ditching was completed between Mammoth and Tower Falls.

At the end of the month crews were located at Mammoth, Lake, South Forest and Beartooth and a special crew was located at Old Faithful rebuilding the rotted log amphitheatre. The road crew forces comprised 31 men by the end of the month. Light push type plows were located at Lake, Old Faithful and Beartooth road camps.

Roads in general are in somewhat better condition this fall than they were a year ago, partly due to the more favorable weather conditions. During the past six weeks 12 new dump trucks were received and most of them have been kept busy.

A large party of N. P. S. and P. R. A. officials met with U. S. Forest Service and Montana Highway officials on October 8 at Red Lodge to discuss work required on the Red Lodge-Cooke highway as one of the conditions to turning over the maintenance to the State. Apparently no conclusive arrangements were made as the Montana State Highway Department engineer was primarily interested in what the annual maintenance costs would be during his review of the Montana section of the highway with this group. The weather put on a good display of the sort of trouble a tourist could get into. It was stormy on Beartooth Plateau and clear and balmy in Red Lodge.

Maintenance work has been done on a number of walks in the thermal areas around Old Faithful.

The kitchen, dining room, bath room and one bed room at the Lake mess house were painted and the roofs of residence building No. 7 at Mammoth was painted and part of the outside walls. Rehabilitation of the Old Faithful amphitheatre was about 75% complete by the end of the month. The seating is being arranged to permit the use of the more modern visual aids.

Construction. Project 1-D1, D3, bituminous surfacing, Old Faithful to Isa Lake, under contractor McLaughlin Co., Inc., has been completed and final inspection made. The contractor has removed his camp and equipment.

Clearing on the South Approach Road, Construction Project C, Moran-Yellowstone Approach, grading and surfacing, under contractor to McLaughlin, Inc. is complete but the contractor is having some trouble burning the green timber. The excavation for the north pier of the Snake River bridge is nearly completed and concrete footings will be poured soon. Excavations for the bridge abutments are also underway.

No success was encountered in attempting to obtain satisfactory bids on Project 1-F3, Canyon through road, grading and base surfacing, as the bids submitted were considered too high. The contractors still feel that some of the requirements are too confining to permit lower bids. The

[illegible] and the Red Lodge-Cooke road. All park roads remained open until the end of the month and it was possible to negotiate the Red Lodge-Cooke highway with chains. A 20 x 30 [illegible] is being [illegible] at the [illegible] road camp. Considerable ditching was completed between [illegible] and [illegible] Falls.

At the end of the month crews were located at [illegible], Lake, [illegible] Forest and Beartooth and a special crew was located at Old Faithful rebuilding the rotted log amphitheatre. The road crew forces comprised 31 men by the end of the month. Light push type plows were located at Lake, Old Faithful and Beartooth road camps.

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Maintenance work has been done on a number of walks in the thermal areas around Old Faithful.

The kitchen, dining room, bath room and one bed room at the Lake mess house were painted and the roofs of residence building No. 7 at [illegible] was painted and part of the outside walls. Rehabilitation of the Old Faithful amphitheatre was about 75% complete by the end of the month. The seating is being arranged to permit the use of the more modern visual aids.

Construction. Project 1-[illegible], [illegible], bituminous surfacing, Old Faithful to Lake Lake, under contractor McLaughlin Co., Inc., has been completed and final inspection made. The contractor has removed his camp and equipment.

Clearing on the South Approach Road. Construction Project C. [illegible]-Yellowstone Approach, grading and surfacing, under contractor to McLaughlin, Inc., is complete but the contractor is having some trouble burning the green timber. The excavation for the north pier of the Snake River bridge is nearly completed and concrete footings will be poured soon. Excavations for the bridge abutments are also underway.

No success was encountered in attempting to obtain satisfactory bids on Project 1-[illegible], Canyon through road, grading and base surfacing, as the bids submitted were considered too high. The contractors still feel that some of the requirements are too confining to permit lower bids. The

project was reviewed again with PRA Engineer Cowan with the object of finding select borrow closer to the job. Extension of the present borrow was proposed and concurred in.

Of the three new houses at Mammoth Nos. 2 and 3 are now occupied. The second house was given but one coat of paint inside and the root cellar was not finished. The third house interior wall lining is not completed to date. Wiring and rough plumbing are installed.

Excavations for two new houses at Mammoth have been made. Footings for foundations have been poured and forms are ready for pouring the basement walls on one house November 3. Work on the West Entrance house is not expected to start until next spring.

Plans for the addition of bathing facilities at Fishing Bridge have been resubmitted by the Yellowstone Park Company for clearance (Drawing No. YEL-8077-a).

The plans for the installation of heating plants in the Fishing Bridge and Old Faithful stores, Drawings No. YEL-8087 and 8088, were approved in the Director's office subject to certain conditions. Those for the lower or old store appear to be too stringent to make it practical to install. Those for the other stores appear to be reasonable to meet.

Prefabrication of additional wooden walks will be continued during the winter. One bidder defaulted on his contract for lumber and another bid was sent out and delivery is expected within ten days.

Concessioners: On October 4 Mr. C. A. Hamilton left the park for his winter home in Santa Monica, California. Howard B. Brown, Superintendent of Hotels, departed on October 5 for LaJolla, California. Huntley Child, Jr., Manager of Lodges, departed on the 14th for Helena, Mr. W. H. Nichols visited the park on the 17th.

The Old Faithful tourist cabins, cafeteria and repair shop closed on October 14 and the Lake Store closed on the 15th. Visitors were served meals and furnished lodging at the Lower Store at Old Faithful from October 15 until October 31 when these operations were closed for the winter. The general store and service station at Mammoth will remain open throughout the winter to take care of local residents.

The Haynes Picture Shop at Mammoth closed on October 21 and Mr. Haynes and his crew moved to their winter headquarters at Bozeman.

Work on the automatic sprinkler systems at the Canyon Hotel and Old Faithful Inn was discontinued on October 31 and will be resumed again as early as the areas are accessible in the spring. In connection with the Canyon Hotel sprinkler system there still remains to be done the lobby, lounge, dining room, kitchen and laundry while at Old Faithful there still remains to be done the lobby, dining room and kitchen. The east and west wings of the latter are completed although the water connections are not yet complete.

project was reviewed again with the Engineer Corps with the object of finding select borrow closer to the job. Extension of the present borrow was proposed and concurred in.

Of the three new houses at Mammoth Nos. 2 and 3 are now occupied. The second house was given but one coat of paint inside and the root cellar was not finished. The third house interior wall lining is not completed to date. Wiring and rough plumbing are installed.

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Interpretive Service. A talk was given by Chief Park Naturalist Condon to the Kiwanis Club in Livingston on the 14th. Twenty four members of this organization were present and the talk was well received.

Museum Activities and Exhibits. Plans for museum development and the preparation of wayside exhibits were discussed by the Park Naturalist with Regional Naturalist Swartzlow on the 4th.

During the month shutters were placed on all museums and wayside exhibits. The amphitheatre at Old Faithful Museum has been progressing rapidly and at the close of the month was nearing completion with the exception of the erection of the new screen and lecture platform. During the month all museums were cleaned out and cumulative rubbish and debris taken to the dump. Also, the grounds around these buildings were cleaned and all materials which no longer were of value were disposed of.

Research and Observation. Stations from the interior of the Park as well as park headquarters reported the occurrence of a rather vigorous earth tremor at about 4:23 p.m. on October 31. This shock was reported by the seismograph operated at the Montana State College at Bozeman. A news item appeared in the Billings Gazette to the effect that one had been recorded in Billings at 4:23 p.m. on their seismograph. This time coincided almost identically with that which was reported by field stations and individuals feeling it in the Yellowstone Park area.

Mr. Donald E. White of the U. S. Geological Survey completed his observations in the thermal areas and left the park on the 5th.

On October 2 the Chief Park Naturalist and Chief Biologist Cahalane made a trip to Mary Mountain and the Hayden Valley. One herd of bison were counted near the head of Alum Creek totaling 204 animals. Eleven bulls were observed along Trout Creek and 4 bulls near the mouth of Trout Creek. This made a total of 219 animals counted in the Hayden Valley area.

On the 15th four sandhill cranes were observed on the Fountain Flats and these same four birds were again observed on the 20th. They have not been seen since that date.

On the 23rd Chief Park Naturalist Condon and Biologist Kittams made a trip to Hayden Valley and as far as Sedge Creek on the east shore of Yellowstone Lake. A coyote was seen near Squaw Lake which had its left ear docked. It was hunting mice in the open meadow area. Seven trumpeter swan were seen and a large number of Canadian geese along the Yellowstone River and the east shore of the lake.

On the 24th Naturalists Condon and Watson made a field trip to the Fairy Creek-Sentinel Creek areas to observe thermal phenomena and any wildlife which might be in those vicinities. A total of 104 bison were seen and a large number of elk. Twenty eight bison were observed on Fairy Creek, 14 on Sentinel Creek, 51 near the old Fountain freight road about one mile in from Nez Perce Creek, 7 bulls on Nez Perce Creek near the old Fountain patrol cabin site, 1 bull near the highway crossing on Nez Perce Creek, 1 bull below Madison Junction, 2 bulls in the Terrace Spring area.

Interpretive Service. A talk was given by [illegible] Gunnison to the Wyoming Club on Jackson on the 14th. Twenty four members of this organization were present and the talk was well received.

Museum Activities and Exhibits. Plans for museum improvements and the preparation of wildlife exhibits were discussed by the Park Naturalist with Regional Naturalist Hartzler on the 24th.

During the month shutters were placed on all museums for regular exhibits. The exhibitors at Old Faithful Museum had been progressing rapidly and at the close of the month was nearing completion with the exception of the erection of the new screen and lecture platform. During the month all museums were cleaned and specimens dusted and certain taken to the dump. Also, the grounds around these buildings were cleaned and all materials which no longer were of value were disposed of.

Research and Observation. Reports from the rangers of the Park as well as park headquarters reported the occurrence of a rather vigorous earth tremor at about 1:25 p.m. on October 31. This shock was reported by the seismograph operated at the Yellowstone Lake village at Bozeman. A mere item appeared in the Billings Gazette to the effect that one had been recorded in Billings at 1:25 p.m. on their seismograph. This time coincided almost identically with that which was reported by Park stations and individuals feeling it in the Yellowstone Park area.

Mr. Donald S. Stets of the U.S. Geological Survey completed his observations in the thermal areas and lake the part in the Park.

On October 2 the Chief Park Naturalist and Chief Biologist Cameron made a trip to Grey Mountain and the Hayden Valley. The herd of bison were counted near the head of Alum Creek totaling 501 animals. Eleven bulls were observed along Trout Creek and 4 bulls near the mouth of Trout Creek. This made a total of 515 animals counted in the Hayden Valley area.

On the 15th four sandhill cranes were observed on the Fountain Flats and these were four birds were again observed on the 20th. They have not been seen since that date.

On the 22nd Chief Park Naturalist Condon and Biologist Kittams made a trip to Hayden Valley and as far as Sedge Creek on the east shore of Yellowstone Lake. A coyote was seen near Sedge Lake which had its left ear docked. It was hunting mice in the open meadow area. Seven trumpeter swans were seen and a large number of Canadian geese along the Yellowstone River and the east shore of the lake.

On the 24th Naturalists Condon and Kittams made a field trip to the Grey Creek-Sentinel Creek areas to observe thermal phenomena and any wildlife which might be in those vicinities. A total of 101 bison were seen and a large number of elk. Twenty eight bison were observed on Grey Creek, 11 on Sentinel Creek, 51 near the old Yellowstone freight road about one mile in from Bar Force Creek, 7 bulls on Bar Force Creek near the old Yellowstone patrol cabin site, 1 bull near the highway crossing on Bar Force Creek, 1 bull below Madison Junction, 2 bulls in the Norris geyser area.

On October 26 Mr. Condon observed a large grizzly bear digging up gophers on the side of Crescent Hill. A large number of ruffed grouse were observed. On several previous trips during the past season these birds have been seen along the old road to Tower Falls and it appears that they are numerous through this particular section of the park this year.

Natural History Association. The fifteenth annual meeting of the Yellowstone Library and Museum Association Board of Directors was held on October 9 in the Chief Park Naturalist's office. At this time the business of the past year was reviewed and plans made for the activities of the Association for the coming year. Mr. T. Paul Wilcox was elected Chairman of the Board and Chief Park Naturalist Condon was retained as Executive Secretary. New members elected to the Board are: Francis D. LaNoue, W. Verde Watson, Edward S. Luce. Other members in attendance were: Messrs. Joffe, Haynes, Rogers, Evans, Johnston, Condon and Wilcox.

The Association decided to republish the pamphlet "Fur Traders and Trappers of the Old West." Since the annual meeting paper and multex plates for the purpose of running off this pamphlet have been secured and one run of 2500 sheets from a single multex plate has been made with very satisfactory results.

The September-October issue of "Yellowstone Nature Notes" was placed in the mail on October 30.

Increase or Decrease in Travel. Ideal travel conditions prevailed most of the month thus encouraging a comparatively large number of persons to visit the park at its most colorful period and when a number of big game animals could generally be seen from the roads.

A total of 5,127 vehicles carrying 13,848 persons entered the park during the month as compared with 2,668 vehicles and 7,477 persons in October 1946 or a gain of 85%. The disagreeable and unpleasant travel weather during October 1946 should be taken into consideration in making the comparison and a more favorable comparison can be made with the 5,123 vehicles and 13,910 visitors who entered during October in 1945, which figures correspond almost exactly with the travel figures this year.

Visitors. Congressman Wesley A. D'Ewart, of Montana, arrived in the park on October 4 and presided at the meeting of the Absaroka Conservation Committee. He left on the 5th.

Ranger Service. Entrance and interior stations were manned as fully as possible with the personnel available and consistent with carrying out other assignments. Travel was checked also, as completely as personnel and time permitted. All summer stations were manned the majority of the month to take care of the late park visitors and in carrying out essential maintenance projects. Road patrols were maintained throughout the month over the main roads to enforce regulations and assist the late visitors. All side roads were checked frequently for possible game violators.

Yellowstone Park Foundation

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The work of preparing the patrol cabins for winter use including maintenance work and stocking with rations and bedding was largely completed. Weather conditions were favorable for considerable repair work on the cabins, telephone lines and on the trails.

Patrolling sections of the park boundary in connection with the open hunting season in Montana, Wyoming and Idaho required a large portion of several rangers' time. The fact that relatively few numbers of game have migrated outside the park necessitated a closer watch along the boundary and in the park as well for possible game violators.

Several miles of fence to protect the trees and shrubbery in the Mammoth area were put up under the direction and supervision of the ranger organization.

The majority of the saddle and pack animals used throughout the park during the summer have been taken to the Lamar Unit for the winter.

Police Protection. Only one case was brought before the United States Commissioner during the month for exceeding the speed limit and a fine of $15.00 was imposed.

Wildlife and Fish Cultural Activities. ANTELOPE. Antelope have slowly concentrated in the Stevens Creek area, heart of their principal winter range; but many bands still remain scattered through the higher country, probably due to mild weather. About 100 of these animals are still in the area between Lava and Geode creeks, where they are not normally seen at this time of the year.

BEARS. Bears were occasionally seen along roadsides throughout the month. Because of attempts to break into food store, it was necessary to trap three black bears at Lake Government mess and release them in isolated areas.

BIGHORN. The band of these animals which spent the summer on the summit of Mt. Washburn migrated to lower elevations before mid-October. A few have been seen on their winter range along the west side of Mt. Everts and along the Yellowstone River near Tower Junction, but the usual fall concentrations there have not yet occurred--due probably to mild weather and lack of snow.

BUFFALO. On October 1 observers counted 204 buffalo in the west end of Hayden Valley and 75 were seen at various times along Nez Perce, Sentinel and Fairy creeks in the Old Faithful area. A herd of about 100 was seen at various times in the Lamar valley. In addition, occasional animals were noted near Madison Junction, Beach Springs, lower Hayden Valley and from trails in isolated sections.

Plans have been submitted for reduction of buffalo in the Lamar area by about 230 head. It is proposed that live requests for about 50 be filled and that the balance be slaughtered. This operation will take place at the Lamar Unit in January if weather conditions are favorable.

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Plans have been submitted for reduction of buffalo in the Lamar area by about 250 head. It is proposed that live requests for about 50 be filled and that the balance be slaughtered. This operation will take place at the Lamar Unit in January if weather conditions are favorable.

During the past year, nearly all of the fencing and chute facilities at the Lamar Unit, required for buffalo management, became unserviceable--due to rotting of posts and timbers. These structures are, therefore, being replaced, with some improvements which it is anticipated will facilitate the handling operations.

DEER. Concentrations of deer occurred, particularly in the Mammoth area. during the month. According to reports, very few have yet migrated beyond park boundaries and hunters in adjacent Montana have bagged only a small number, as compared to a large take by this time in 1946.

ELK. Elk, both in the northern Yellowstone and Gallatin areas, have remained for the most part at high elevations, practically up to limits of their summer range, and only small numbers have been taken outside the park in hunting areas. Very few elk at close of the period had migrated to any of the lower valleys. Consequently, practically no use has yet been made of the normal winter forage areas.

Evidence was found in the Gallatin area of two illegal elk kills within the park. One animal had been removed and the other left where shot.

FISHING AND FISH PLANTING. The State of Montana, through cooperative agreement with this Service, placed fish traps on the Madison River at the west park boundary on October 23 for collection of Loch Leven spawn. Trapping was not very successful until near end of the month when the number of fish ascending the stream sharply increased. About an equal number of rainbow and Loch Leven trout was noted passing through the traps and there were a considerable number of whitefish. The fishing season closed at sundown on October 15.

Forest Fire Protection. The Mammoth Fire Cache was cleaned up for the winter. Used tools were sharpened, painted and put up in the racks. Used bedrolls were renovated and clean sheets placed in them. The old sheets were all laundered and stored for the winter.

Work was started on checking the 10-day Fire Weather Record Sheets for the various park fire weather stations. This data will be incorporated on forest service summary charts and transmitted to the N. R. M. Forest and Range Experiment Station for their information and comment.

One smoker fire was reported from the West Yellowstone District on October 13th. This was a class B fire in grassland and was suppressed by two dudes from the Elkhorn Ranch.

Trails. Trail revisions were made on a base map for inclusion in the Master Plan. It is impossible to make detailed revisions because of the lack of actual existing trail traverses.

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FISHING AND FISH PLANTING. The State of Montana, through cooperative agreement with this Service, placed fish traps on the Madison River at the west park boundary on October 23 for collection of Lake Lower spawn. Trapping was not very successful until near end of the month when the number of fish ascending the stream sharply increased. About an equal number of rainbow and Lock Leven trout was noted passing through the traps and there were a considerable number of whitefish. The fishing season closed at sundown on October 15.

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One smoker fire was reported from the west Yellowstone District on October 13th. This was a class A fire in grassland and was suppressed by two dudes from the Elkhorn Ranch.

Trails. Trail revisions were made on a base map for inclusion in the Master Plan. It is impossible to make detailed revisions because of the lack of actual existing trail traverses.

Insects and Tree Diseases. Representatives of the Bureau of Entomology and Plant Quarantine conducted an aerial and ground survey over the southern part of the park to determine whether there were any infestation centers within the park which might develop into epidemic conditions. Some bark beetle infestation was found but only in endemic stages. There was no indication that the epidemic prevalent in Teton National Park, Teton National Forest and Jackson Hole National Monument had spread into Yellowstone National Park. A full report of the survey, to be prepared by the Coeur d'Alene office of the Bureau of Entomology and Plant Quarantine, has not yet been received.

White Pine Blister Rust Control. Estimates were prepared and submitted, along with the work program, for the remainder of the 1948 fiscal year.

Wood Cutting Operations. The wood cutting contractor for the Yellowstone Park Company continued operations throughout the month, favored by mild weather conditions. Cutting and hauling for the Canyon area was completed. Operations were within the Old Faithful and Mammoth Districts. Only dead standing trees and windfalls are being utilized except where it is necessary to cut green trees for access roads.

A crew of National Park Service employees sawed approximately 100 cords of wood from the stock piles at Fishing Bridge and Lewis River. This was barely enough to supply ranger stations for the winter. The work was discontinued because of shortage of labor. About 100 cords of wood are needed to supply the Mammoth area during the winter and it is anticipated that cord wood will be hauled to Mammoth and prepared for use as time permits during the winter.

Accidents. A total of 8 motor vehicle accidents were reported during the month, 4 being class "A" and 4 class "B". Injuries were incurred in two of the accidents, one in which a government employee received a partially dislocated shoulder and the second in which a lady received a broken leg, sprained back and severe bruises. Three of the accidents involved government vehicles, two of them damaging the government vehicles considerably.

Personnel. Walter H. Gammill, District Park Ranger, departed from the park on October 2 on transfer to Millerton Lake Recreational Area.

Miscellaneous. The regular monthly meeting of the Federal Employees Union was held in the Canteen on October 6. The Union sponsored a dance which was held in the Canteen on the 24th. A Halloween party was held for the children of the Mammoth Community in the Canteen on the night of the 31st.

A daughter was born to Mr. and Mrs. Ladd S. Shorey at the Park Hospital in Livingston on October 12. Mr. Shorey is purchasing clerk for the park.

Yellowstone Park, Wyoming

Insects and Tree Diseases. Representatives of the Bureau of Entomology and Plant Quarantine conducted an aerial and ground survey over the eastern part of the park to determine whether there were any infestation [illegible] within the park which might develop into epidemic conditions. [illegible] infestation was found but only in [illegible]. [illegible] that the epidemic prevalent in Teton National Park, Teton National Forest and Jackson Hole National Monument has spread into Yellowstone National Park. A full report of the survey, to be prepared by the Grand'Alene office of the Bureau of Entomology and Plant Quarantine, has not yet been received.

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A daughter was born to Mr. and Mrs. Lewis [illegible] at the Park Hospital in Livingston on October 14. Mr. Shorey is purchasing clerk for the park.

Gerald P. Yetter, 43, who was a ranger in the Yellowstone from 1929 to 1942, died in a Bozeman hospital on October 23. Funeral service were held at the Dokken Funeral Home in Bozeman on the 29th and was attended by several park residents.

Edmund B. Rogers,
Superintendent.

In quintuple.

cc: Regional Director, Region Two,
in duplicate.
Files (2)

JJ/ek